

Rhode Island Precipitation
National Weather Service Boston/Norton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 to 36 months ending April 2021
Includes CoCoRaHS Data

RI 1 month April 2021	Rainfall	Departure	Percent	Normal
Northwest	4.04	-0.66	86	4.70
Northeast	4.19	-0.54	89	4.73
Central West	4.51	-0.09	98	4.60
Central East	3.87	-0.49	89	4.36
Eastern	3.62	-1.20	75	4.82
Southern	3.71	-1.33	74	5.04
New Shoreham	3.74	-1.30	74	5.04

RI 2 month Mar-Apr 21	Rainfall	Departure	Percent	Normal
Northwest	6.46	-3.69	64	10.15
Northeast	6.27	-3.48	64	9.75
Central West	7.67	-2.09	79	9.76
Central East	6.82	-2.55	73	9.37
Eastern	6.28	-4.22	60	10.50
Southern	6.94	-3.64	66	10.58
New Shoreham	6.73	-3.85	64	10.58

RI 3 month Feb-Apr 21	Rainfall	Departure	Percent	Normal
Northwest	9.89	-4.22	70	14.11
Northeast	9.91	-3.39	75	13.30
Central West	11.42	-1.94	86	13.36
Central East	10.31	-2.35	81	12.66
Eastern	9.94	-4.33	70	14.27
Southern	11.24	-3.03	79	14.27
New Shoreham	13.57	-0.70	95	14.27

RI 6 month Nov 20-Apr 21	Rainfall	Departure	Percent	Normal
Northwest	26.95	-1.24	96	28.19
Northeast	26.68	-0.22	99	26.90
Central West	29.13	2.35	109	26.78
Central East	26.50	1.25	105	25.25
Eastern	23.40	-3.37	87	26.77
Southern	27.87	-0.27	99	28.14
New Shoreham	29.83	1.69	106	28.14

RI 12 month May 20-Apr 21	Rainfall	Departure	Percent	Normal
Northwest	44.32	-9.38	83	53.70
Northeast	45.12	-6.30	88	51.42
Central West	45.66	-5.11	90	50.77
Central East	42.86	-4.32	91	47.18
Eastern	37.85	-10.69	78	48.54
Southern	44.94	-7.93	85	52.87
New Shoreham	47.29	-5.58	89	52.87

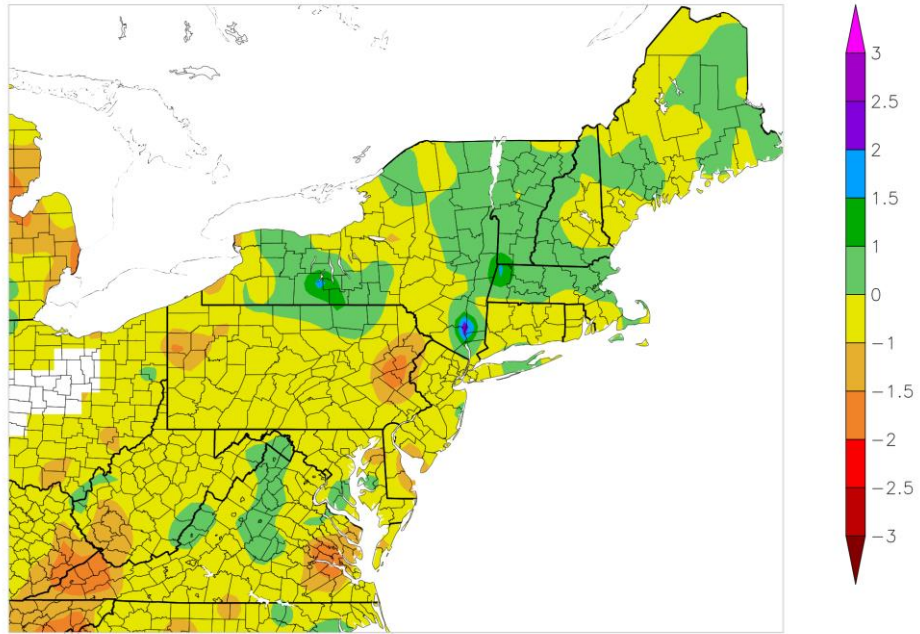
RI 24 month May 19-Apr 21	Rainfall	Departure	Percent	Normal
Northwest	100.57	-6.83	94	107.40
Northeast	96.48	-6.36	94	102.84
Central West	101.39	-0.15	100	101.54
Central East	92.29	-2.07	98	94.36
Eastern	88.63	-8.45	91	97.08
Southern	102.08	-3.66	97	105.74
New Shoreham	96.87	-8.87	92	105.74

RI 36 month May 18-Apr 21	Rainfall	Departure	Percent	Normal
Northwest	168.74	7.64	105	161.10
Northeast	161.77	7.51	105	154.26
Central West	169.70	17.39	111	152.31
Central East	156.65	15.11	111	141.54
Eastern	143.05	-2.57	98	145.62
Southern	163.32	4.71	103	158.61
New Shoreham	150.83	-7.78	95	158.61

RI 4 month Jan-Apr 21	Rainfall	Departure	Percent	Normal
Northwest	12.68	-5.71	69	18.39
Northeast	12.63	-4.74	73	17.37
Central West	14.16	-3.27	81	17.43
Central East	12.51	-4.01	76	16.52
Eastern	11.95	-6.17	66	18.12
Southern	13.63	-4.75	74	18.38
New Shoreham	15.93	-2.45	87	18.38

RI 5 month Dec 20-Apr 21	Rainfall	Departure	Percent	Normal
Northwest	20.86	-2.37	90	23.23
Northeast	22.36	0.25	101	22.11
Central West	25.01	2.98	114	22.03
Central East	22.70	1.96	109	20.74
Eastern	19.24	-3.20	86	22.44
Southern	23.20	0.11	100	23.09
New Shoreham	24.07	0.98	104	23.09

Monthly SPI
4/1/2021 – 4/30/2021

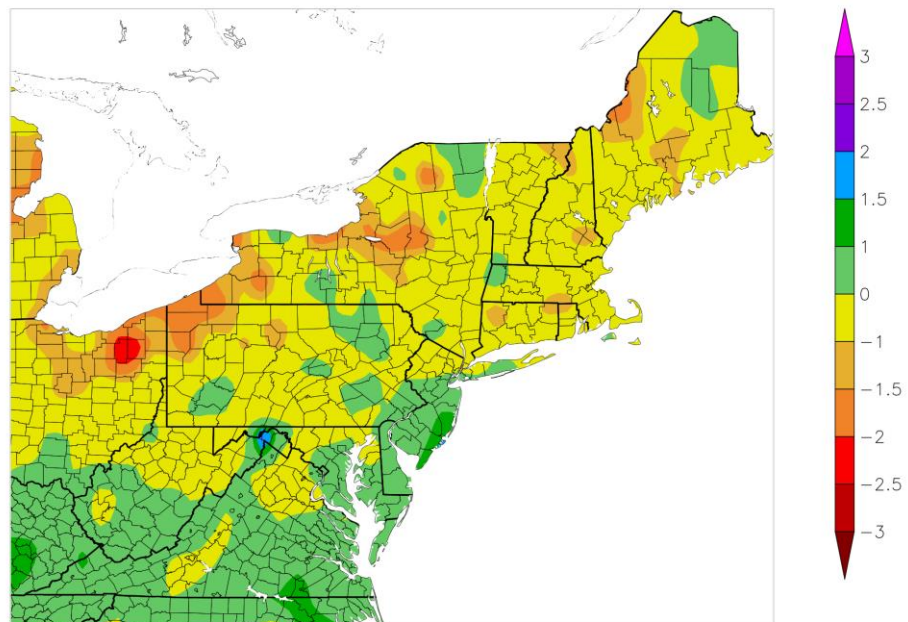


Generated 5/5/2021 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 1. April 2021 SPI. From the NOAA Regional Climate Centers.

3-Month SPI
2/1/2021 – 4/30/2021

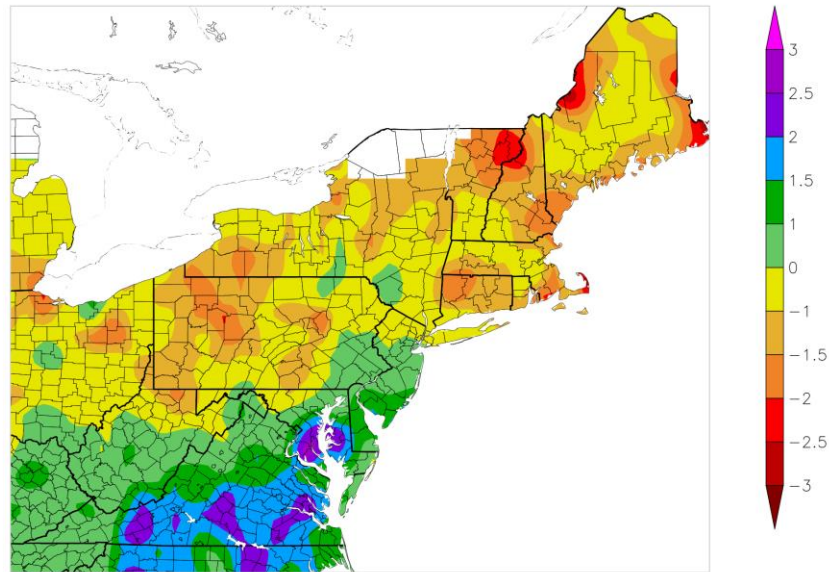


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NOAA Regional Climate Centers

Map 2. Three-Month SPI ending April 2021. From the NOAA Regional Climate Centers.

12-Month SPI
5/1/2020 – 4/30/2021

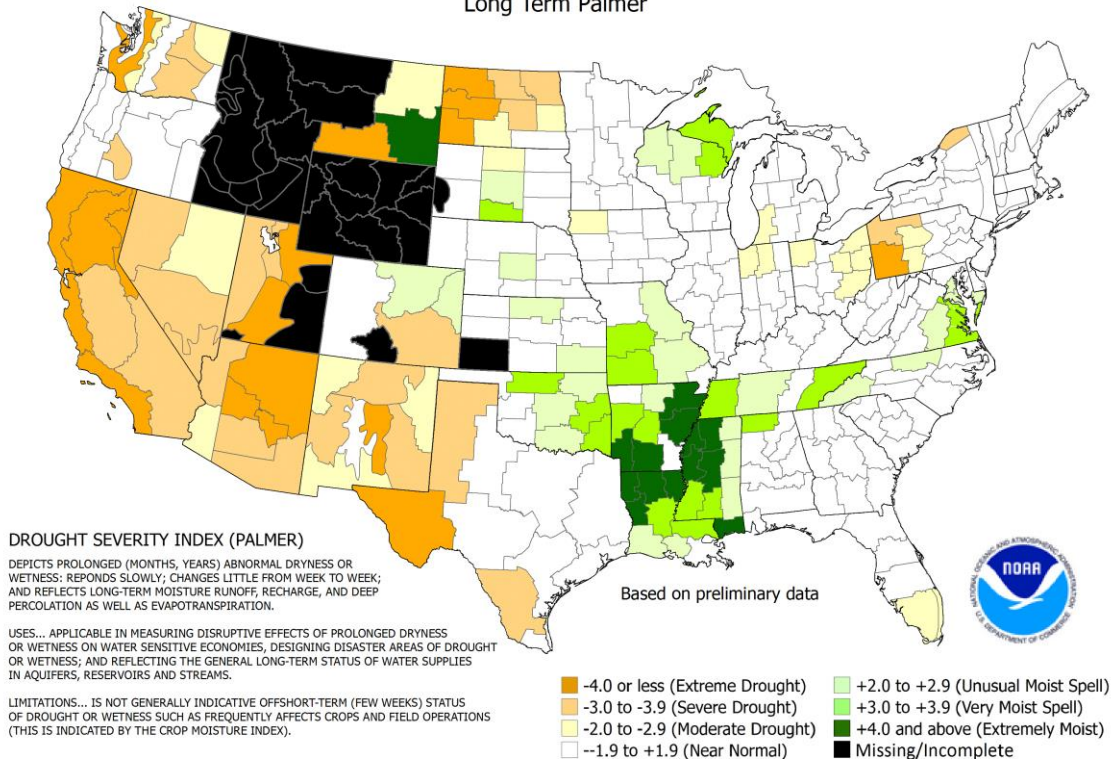


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NOAA Regional Climate Centers

Map 3. Twelve month SPI ending April 2021. From the NOAA Regional Climate Centers.

Drought Severity Index by Division
Weekly Value for Period Ending May 01, 2021
Long Term Palmer

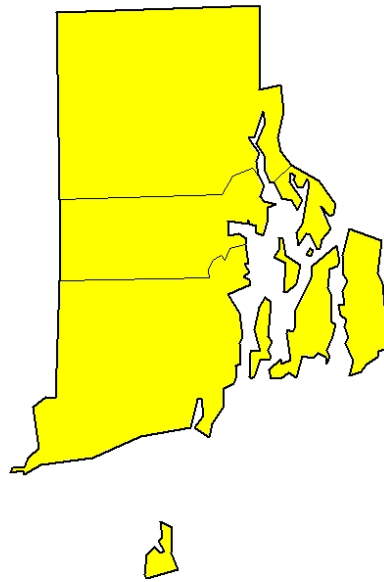


Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated 3/27/21.

RI Palmer is in the Normal range, -0.41.

U.S. Drought Monitor
Rhode Island

April 27, 2021
(Released Thursday, Apr. 29, 2021)
Valid 8 a.m. EDT



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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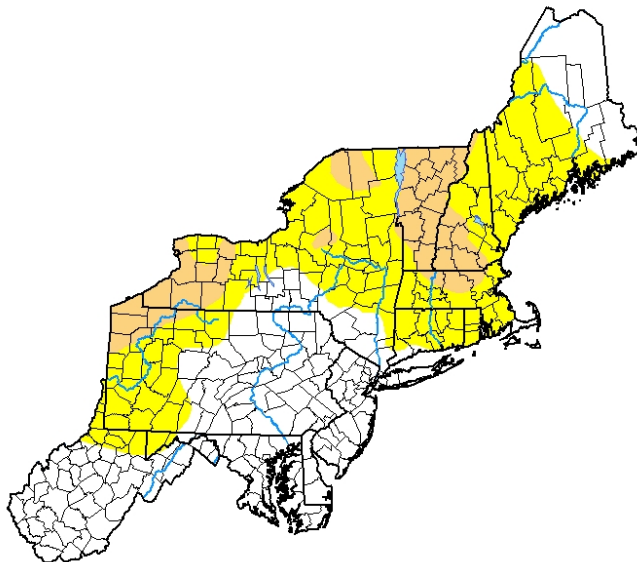


droughtmonitor.unl.edu

Map 5. US Drought Monitor for Rhode Island. valid 4/27/2021.

U.S. Drought Monitor
Northeast

April 27, 2021
(Released Thursday, Apr. 29, 2021)
Valid 8 a.m. EDT



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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Map 6. US Drought Monitor for the Northeast US, valid 4/27/2021.